## **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name: that I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

## MULTI-CARRIER COMMUNICATION SYSTEM WITH SAMPLE RATE PILOT CARRIER AND TIME DIVISION DUPLEXING FRAME RATE PILOT CARRIER

The attached application (for original application)  (for declaration not accompanying application)  (for declaration not accompanying application)  (that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35. United States Code §119, §172 or §365 of any provisional application or foreign application(s) for patent or inventor's certificate isted below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:  Application Number  Country  Filing Date  Application Number  Country  Filing Date  Application Number  Country  Filing Date  Yes  No  X   I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) histed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, 1 acknowledge my duty to disclose any information material to the generalistic of the application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.  Filing Date  Status  I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic Reg. No. 23,063; Robert V. Sloam, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 28,676; Maddell A, Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,881; Louis Gubinsky, Reg. No. 24,883, Neil B. Siegel, Reg. No. 25,430; Kenneth J. Burchfiel, Re	DOI LEAING FRAME RATE I ILOT CARRIER						
(for original application)  Filed , and amended on   (for declaration not accompanying application)  that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above, that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35. United States Code §119, §172 or §365 of any provisional application for petent or inventor's certificate on this inventior's certificate below and have also identified on said list any foreign application for petent or inventor's certificate on this invention baving a filing date before that of any foreign application on which priority is claimed:  **Application Number**  Country**  Filing Date**  **Priority Claimed**  Yes.**  No.  1 hereby claim the benefit of Title 35. United States Code §120 of any United States application(s) bisted low and, mosofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provated by the first paragraph of Fitle 35. United States Code, §112, I acknowledge my duty to disclose any information material to the fallentiability of this application under 37 C.P.R. 1.56 which occurred between the filling date of the prior application and the national or PCT international filing date of this application:  **Quantity**  **Application No.**  **Filing Date**  Status**  **Interprity appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexier Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 2,8480; Louis Cubinsky, Reg. No. 23,85; Neil B. Siegel, Reg. No. 25,400; David J. Cabining, Reg. No. 25,605; Alan J. Kasper, Reg. No. 33,702; Franking, Reg. No. 33,702; Franking, Reg. N	which application is:						
that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35. United States Code §119, §172 or §365 of any provisional application for foreign applications for patent or inventor's certificate insted below and have also identified on said list any foreign application for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:  **Application Number***  **Country***  **Europe***  **Dodd1607.7**  **Europe***  **Dodd1607.7**  **Europe***  **June 7, 2000**  **I hereby claim the benefit of Title 35, United States Code §120 of any United States application(s) histed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. I acknowledge my duty to disclose any information material to the failentability of this application under 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:  **Dodd1607.**  **Application No.**  **Filing Date**  **Status**  **Status**  **June 1.50.*  **Application No.**  **Filing Date**  **Status**  **Status**  **Status**  **Status**  **Status**  **June 1.50.*  **June 1.50.*  **June 2.50.*  **June 2				••			
that I have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentiability of this application under 37 C.P.R. 1.56, that I hereby claim priority benefits under Tritle 35. United States Code §119, §172 or §356 of any provisional application or foreign application(s) for patent or inventor's certificate on this invention having a filling date before that of any foreign application on which priority is claimed:  **Application Number***  **Country***  **Europe***  **June 7, 2000**  **Application Number**  **Country**  **Europe***  **June 7, 2000**  **June 7, 2000**  **Application Number**  **Country**  **Europe***  **June 7, 2000**  **June 7, 2000**  **June 7, 2000**  **June 7, 2000**  **Application of Tritle 35, United States Code §120 of any United States application(s) listed below and, msofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the application under 37 C.P.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:  **Good Filing Date**  **Status**  **June 7, 2000**  **June 7, 2000**  **June 8, No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,611, Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,706; John R. Inge, Reg. No. 26,966; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,406; Neithard C. Turnek Reg. No. 33,725; Paul F. Neisk, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,725; Paul F. Ne	(101 original application)	a original approachon)					
amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware which is material to the patentability of this application under 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35. United States Code §119, §172 or §365 of any provisional application or foreign applications) for patent or inventor's certificate on this invention having a filing date before that of any foreign application on which priority is claimed:  **Priority Claimed**  **Application Number**  **Country**  **Filing Date**  **Priority Claimed**  **Yes**  **No.**  **Application Number**  **Country**  **Filing Date**  **June 7, 2000**  **I betty claim the benefit of Title 35. United States Code §120 of any United States applications) histed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, Lacknowledge my duty to disclose any information material to the application and 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.  **Filing Date**  **Application No.**  **Filing Date**  **Status**  **Application No.**  **Filing Date**  **Status**  **Application No.**  **Filing Date**  **Status**  **June Application No.**  **Filing Date**  **June Application No.**  **Filing Date**  **June Application No.**  **June Application No.**  **Filing Date**  **June Application No.**  **Filing Date**  **June Application No.**  **Filing Date**  **June Application No.**  **June Application No.**  **Filing D		(for declaration not accompanying application)					
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I hereby claim the benefit of Title 35, United States Code § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge my duty to disclose any information material to the gatentability of this application under 37 C.P.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:  Application No. Filing Date Status  I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexicg Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,662; Waddell A. Biggart, Reg. No. 24,615; Louis Gubinsky, Reg. No. 24,435; Neil B. Siegarl, Reg. No. 25,000; David J. Cushing, Reg. No. 28,763; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turney, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 23,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,435; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,276; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 36,818, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.  I hereby declare that all statements made herein of my own knowledge are true and that all	Application Number	Application Number Country Filing Date		<b>Date</b>			
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are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.  Date    Date   1200   23   2004   First Inventor   Miguel PEETERS	I hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24.625; Waddell A. Biggart, Reg. No. 24.861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,763; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, George F. Lehnigk, Reg. No. 36,359, John T. Callahan, Reg. No. 32,607 and Steven M. Gruskin, Reg. No. 36,818, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100						
Residence Brussels Belgium Signature Middle Initial Last Name  City State/Country  Post Office Address: Avenue Du Castel 73 B-1200 BRUSSELS BELGIUM  Belgium	are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful						
Residence Brussels Belgium Signature In incl. Parlier  City State/Country  Post Office Address: Avenue Du Castel 73 B-1200 BRUSSELS BELGIUM  Belgium	Date Nay 23	2001 Fr			<del></del>		
Post Office Address: Avenue Du Castel 73 B-1200 BRUSSELS BELGIUM Belgium				rst Name	middle Initial Land	ast Name	